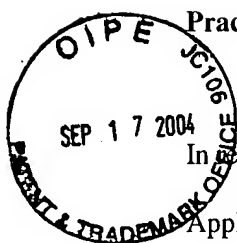


IFW



Practitioner's Docket No. NEB-183-CIP

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In application of: Xu, Shuang-yong; Kobbe, Daniela; Zhu, Zhenyu ; and Samuelson, James

Application No.: 10/800,946

Group No.: 1632

Filed: March 15, 2004

Examiner: not yet assigned

For: Methods for Altering the Cleavage Specificity of a Type IIG Restriction Endonuclease

Mail Stop Amendment

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT  
WITHIN THREE MONTHS OF FILING OR  
BEFORE MAILING OF FIRST OFFICE ACTION (37 C.F.R. § 1.97(b))

IDENTIFICATION OF TIME OF FILING THE ACCOMPANYING  
INFORMATION DISCLOSURE STATEMENT

The information disclosure statement submitted herewith is being filed within three months of the filing date of the application or date of entry into the national stage of an international application or before the mailing date of a first Office action on the merits, whichever event occurs last. 37 C.F.R. § 1.97(b).

CERTIFICATION UNDER 37 C.F.R. " 1.8(a) and 1.10\*

(When using Express Mail, the Express Mail label number is *mandatory*;  
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I hereby certify that, on the date shown below, this correspondence is being:

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37 C.F.R. § 1.8(a)

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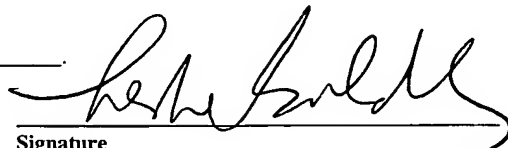
37 C.F.R. § 1.10\*

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TRANSMISSION

G facsimile transmitted to the Patent and Trademark Office, (703) \_\_\_\_\_ - \_\_\_\_\_

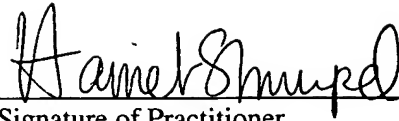
  
\_\_\_\_\_  
Signature  
Leslie Goldberg  
(type or print name of person certifying)

Date: September 15, 2004

\* Only the date of filing (' 1.6) will be the date used in a patent term adjustment calculation, although the date on any certificate of mailing or transmission under ' 1.8 continues to be taken into account in determining timeliness. See ' 1.703(f). Consider "Express Mail Post Office to Addressee" (' 1.10) or facsimile transmission (' 1.6(d)) for the reply to be accorded the earliest possible filing date for patent term adjustment calculations.

Date: September 15, 2004

Reg. No.: 37,008  
Tel. No.: 978-927-5054  
Customer No.: 28986

A handwritten signature in black ink, reading "Harriet Strimpel", written over a horizontal line.

Signature of Practitioner  
Harriet M. Strimpel, D.Phil.  
New England Biolabs, Inc.  
32 Tozer Road  
Beverly, MA 01915

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Shuang-yong Xu, Daniela Kobbe, Zhenyu Zhu, and James Samuelson

Application No.: 10/800,946

Group No.: 1632

Filed: March 15, 2004

Examiner: not yet assigned

For: Methods for Altering the Cleavage Specificity of a Type IIG Restriction Endonuclease

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

List of Sections Forming Part of This Information Disclosure Statement

The following sections are being submitted for this Information Disclosure Statement:

1. Forms PTO/SB/08A and 08B (formerly Form PTO-1449)
2. Copies of Listed Information Items Accompanying This Statement
3. Identification of Person(s) Making This Information Disclosure Statement

**CERTIFICATION UNDER 37 C.F.R. §§ 1.8(a) and 1.10\***

(When using Express Mail, the Express Mail label number is mandatory;  
Express Mail certification is optional.)

I hereby certify that, on the date shown below, this correspondence is being:

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37 C.F.R. § 1.8(a)

X with sufficient postage as first class mail.

37 C.F.R. § 1.10\*

G as "Express Mail Post Office to Addressee"

Mailing Label No. \_\_\_\_\_ (mandatory)

**TRANSMISSION**

G facsimile transmitted to the Patent and Trademark Office, (703) \_\_\_\_\_

Date: September 15, 2004

Signature

Leslie Goldberg

(type or print name of person certifying)

\* Only the date of filing ('1.6) will be the date used in a patent term adjustment calculation, although the date on any certificate of mailing or transmission under '1.8 continues to be taken into account in determining timeliness. See '1.703(f). Consider "Express Mail Post Office to Addressee" ('1.10) or facsimile transmission ('1.6(d)) for the reply to be accorded the earliest possible filing date for patent term adjustment calculations.

**Section 1. Forms PTO/SB/08A and 08B (formerly Form PTO-1449)**

(Insert form(s) PTO/SB/08A [Form 6-2] and/or form(s) PTO/SB/08B [Form 6-2.1].)

**Section 2. Copies of Listed Information Items Accompanying This Statement**

Legible copies of all items listed in Forms PTO/SB/08A and 08B (substitute for Form PTO-1449) accompany this information statement.

BC-BH; CA-CB; AT-AX

**Section 3.  
Statement**

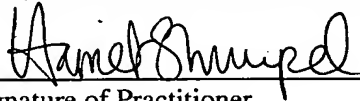
**Identification of Person Making This Information Disclosure**

The person making this certification is:

- a. the practitioner who signs below on the basis of the information in the practitioner's file.

Date: September 13, 2004

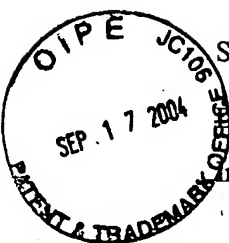
Reg. No.: 37,008  
Tel. No.: 978-927-5054  
Customer No.: 28986

  
\_\_\_\_\_  
Signature of Practitioner  
Harriet M. Strimpel, D.Phil.  
New England Biolabs, Inc.  
32 Tozer Road  
Beverly, MA 01915

**SECTION 2. FORMS PTO/SB/08A and 08B (formerly Form PTO-1449)**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants: Xu et al. Atty. Docket: NEB-183-CIP  
 Serial No: 10/800,946 Art Group Unit: 1632  
 Date Filed: 03/15/2004 Examiner Name: Not yet assigned  
 Invention: Methods for Altering the Cleavage Specificity of a Type II G Restriction  
 Endonuclease.



**LIST OF PATENTS AND PUBLICATIONS FOR  
 APPLICANT'S INFORMATION DISCLOSURE STATEMENT**

U.S. PATENT DOCUMENTS					
Examiner Initials	Reference Number	Document Number	Issue / Pub Date	Inventor	Class/Subclass
	BC	6,383,770	05/07/2002	Roberts et al.	C12Q
	BD	5,498,535	03/12/1996	Fomenkov et al.	C12N
	BE	5,496,714	03/05/1996	Comb et al.	C12N
	BF	6,660,475	12/09/2003	Jack et al.	C12Q
	BG	2003-0119027 A1	06/26/2003	Roberts et al.	C12Q
	BH	2003-0194736 A1	10/12/2003	Bitinaite	C12Q

FOREIGN PATENT DOCUMENTS						
Examiner Initials	Reference Number	Country Code	Document Number	Publication Date	Patentee or Applicant	Class/Subclass
	CA	WO	00/18881	2000-04-06	Xu et al.	C12N
	CB	WO	00/47751	2000-08-17	Xu et al.	C12N

OTHER DOCUMENTS			
Examiner Initials	Reference Number	Author	Title of Article, Title of Journal, Volume Number, Page Numbers, Date
	AT	Rimseliene et al.	J. Biol. Chem. 276:10492-10497 (2001).
	AU	Hiraga et al.	J. Mol. Biol. 330: 287-296 (2003).
	AV	Rimseliene et al.	J. Mol. Biol. 327:383-391 (2003).
	AW	Piekarowicz et al.	J. Mol. Biol. 293: 1055-1065 (1999).
	AX	Malone et al.	J. Mol. Biol. 253:618-632 (1995).

Examiner Signature: \_\_\_\_\_

Date Considered: \_\_\_\_\_

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation *if not* in conformance and not considered. Include copy of this form with next communication to applicant.